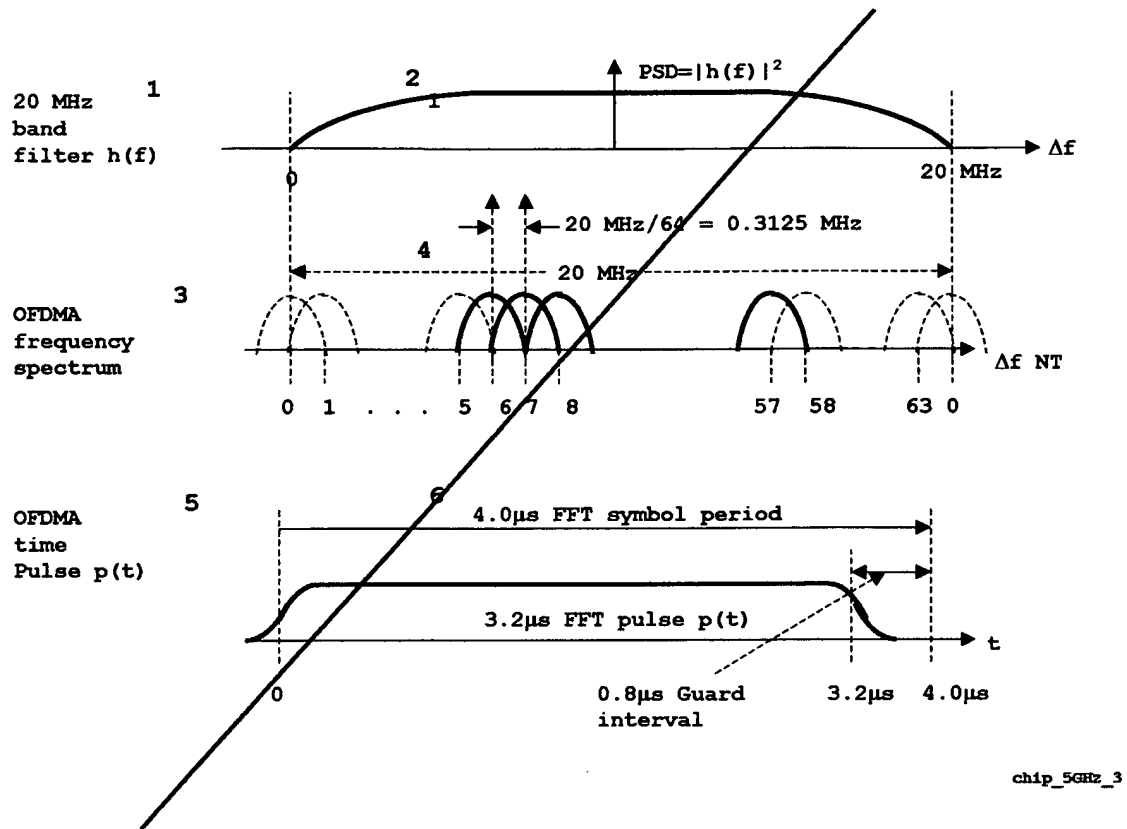


FIG. 1 OFDMA waveform

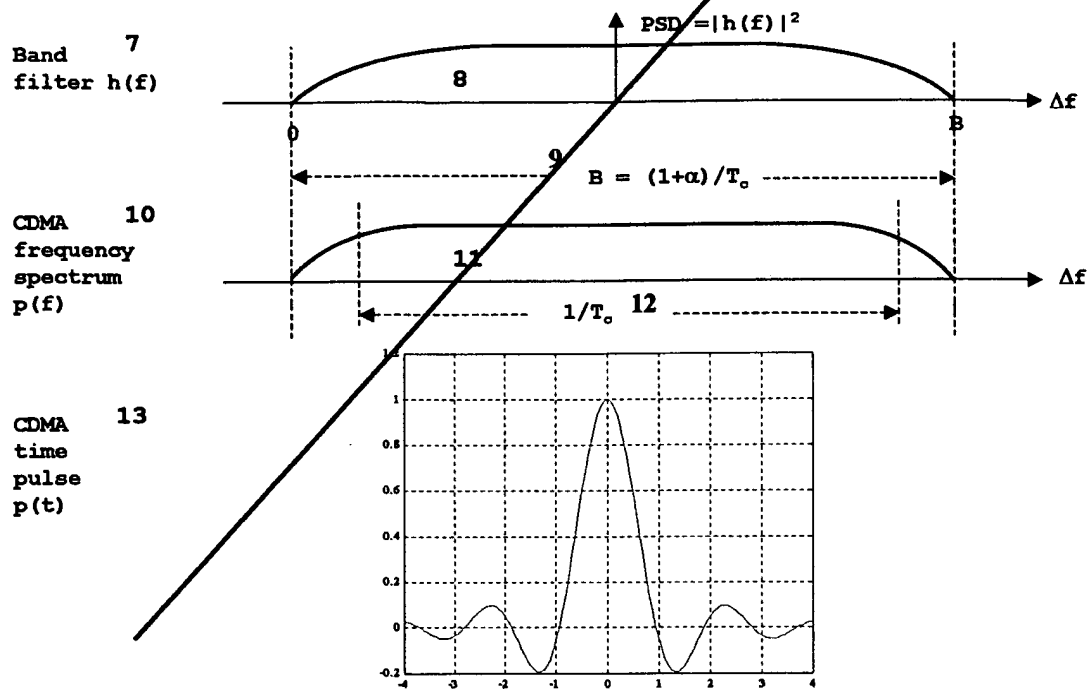


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FIG. 2 CDMA waveform



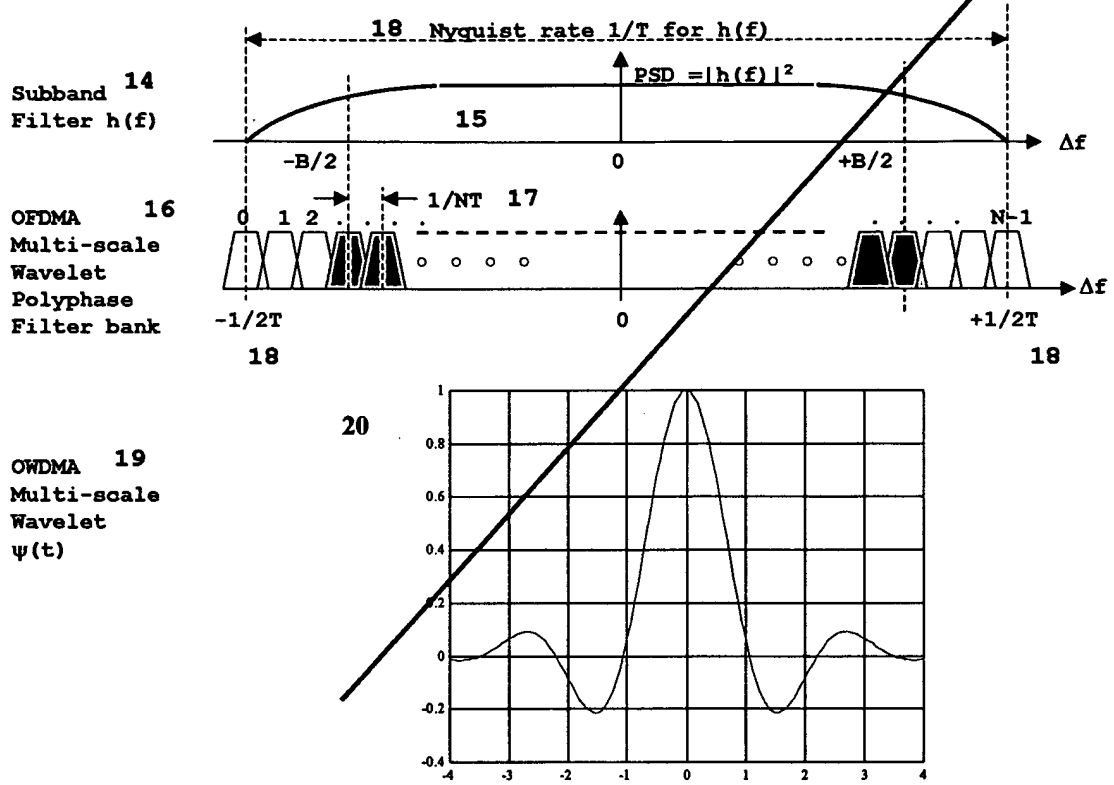
chip\_5GHz\_3

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FIG. 3 OWDMA waveform

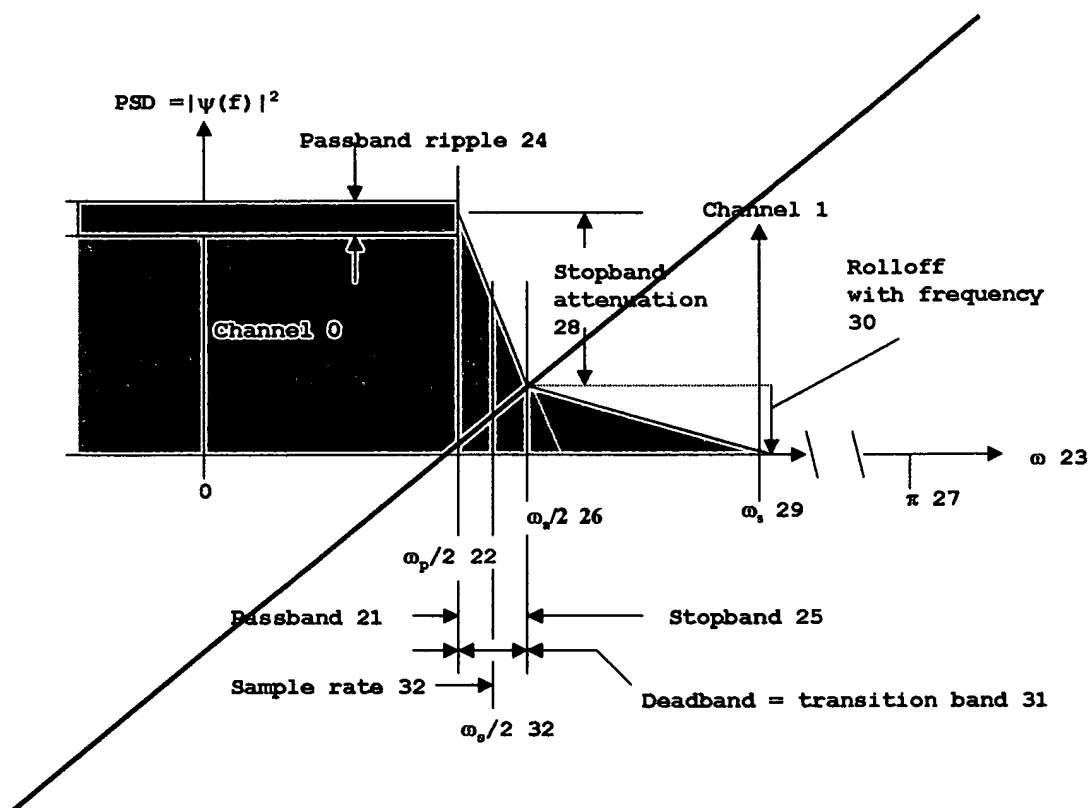


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FIG. 4 Wavelet PSD= $|\psi(f)|^2$  requirements for communications

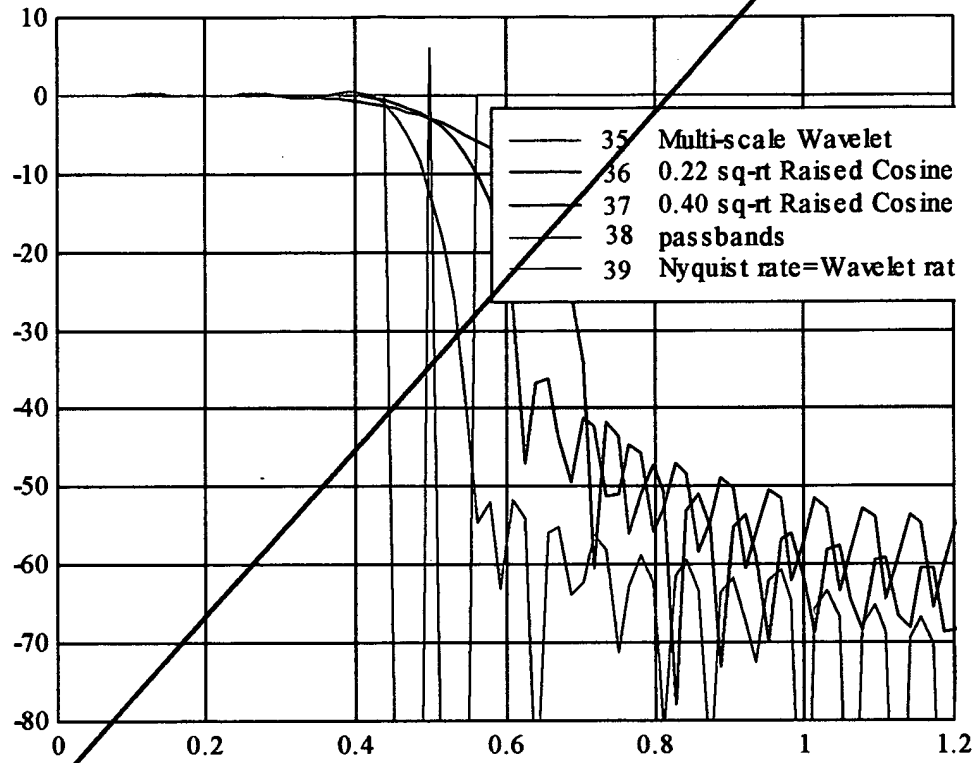


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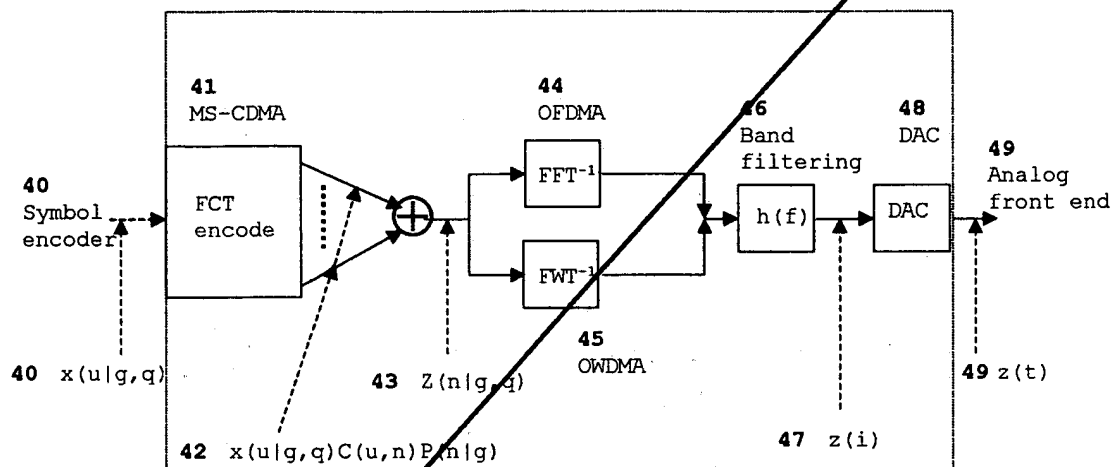
**FIG. 5 PSD for Muiltri-Scale Wavelet  
and Square-Root Raised Cosine**



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FIG. 6 MS-CDMA OFDMA/OWDMA Encoding for Transmitter



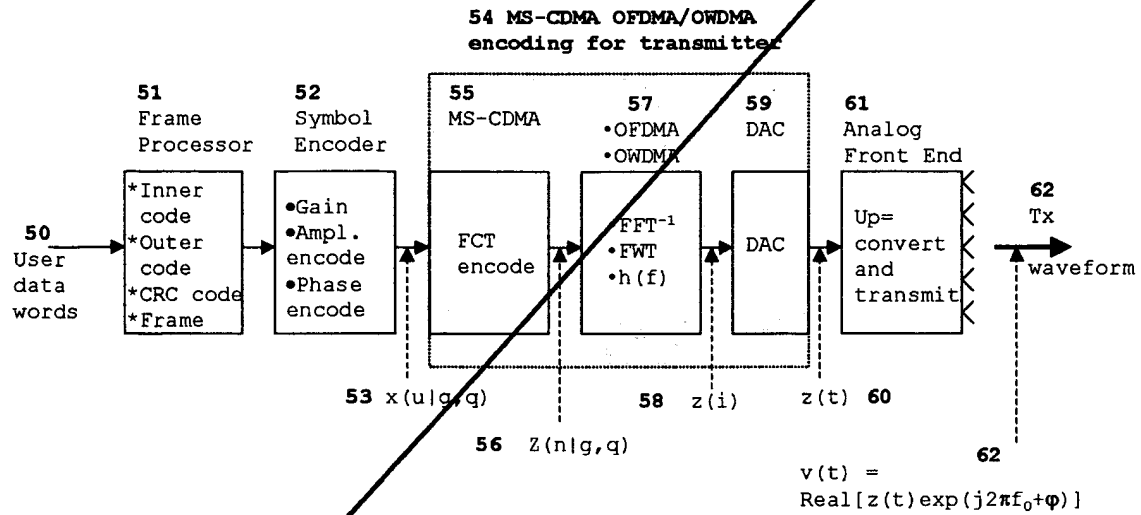
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FIG. 7 MS-CDMA OFDMA/OWDMA Transmitter Block Diagram



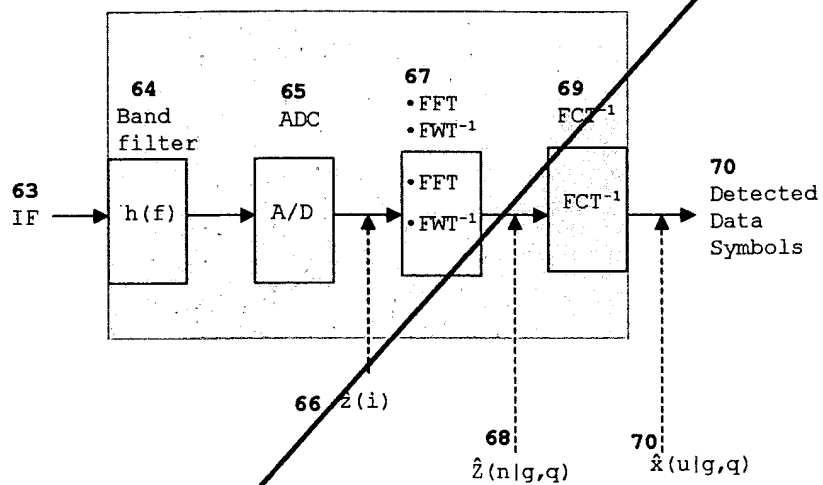
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FIG. 8 MS-CDMA OFDMA/OWDMA Decoding for Receiver



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FIG. 9 MS-CDMA OFDMA/OWDMA Receiver Block Diagram

